



Power System Testing Solutions COMPANY PROFILE

Solution provider for:

- ➢ ROTATING MACHINES TESTING
- > POWER AND DISTRIBUTION TRANSFORMERS TESTING
- HV/MV CABLES TESTING
- ➢ HV/MV SWITCHGEAR TESTING
- PROTECTION SYSTEM TESTING
- ➢ IEC61850 Testing



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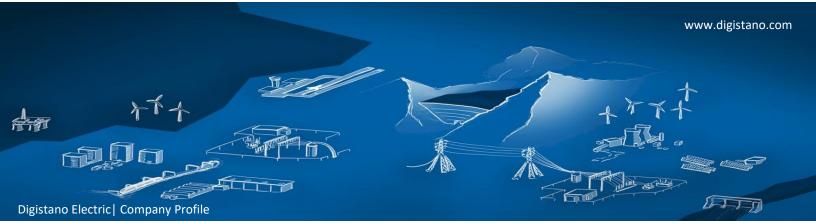


1. About us

Our company **DigiStano** is established to serve the electrical power industry with innovative and advance technology solutions, in addition to providing a professional representation for international high voltage substations solutions manufacturers in UAE market. DigiStano is committed to provide the best and fast track support to customers and thereby help our principals to increase their market share and also bring expert knowledge to the local market.

DigiStano targeted customer segments vary from Utilities such as DEWA, SEWA, TRANSCO, AADC, ADDC, FEWA, to Oil and Gas sector such as ADNOC group, NPCC, Primary and Secondary equipments manufacturers such as SIEMENS, ABB, GE, Schneider Electric, Ducab, Lucy switchgear, Emirates Transformers and contractors such as Danway, EEE, Larsen and Tubro.

DigiStano is managed by a group of experts in the power system field who already have an excellent network in UAE that help in expanding the reach of our solutions.







2. Our Brands

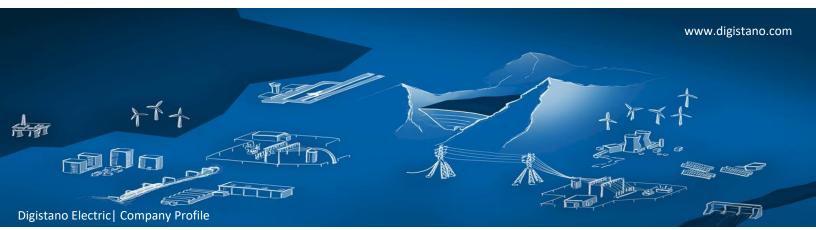
OMICRON is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis and training make the product range complete.

Customers in more than 150 countries rely on the company's ability to supply leading-edge technology of excellent quality. Service centers on all continents provide a broad base of knowledge and extraordinary customer support. All of this together with a strong network of sales partners is what has made OMICRON a market leader in the electrical power industry.



www.omicronenergy.com

Austria





3. Products

3.1 Rotating Machines Testing

	CPC 100	FRANEO	DIRANA	MPD 800	MONTESTO	MONGEMO	РТМ
Contact Resistance Testing	V						٧
Pole Drop Testing	V						V
Inter-turn Fault detection		٧					٧
Dissipation Factor/ Tangent Delta	٧*						V
Dielectric Response Analysis			V				V
Sweep Frequency Response Analysis		V					٧
Stator Core Measurement	V**						V
PD Measurement				٧	V		
Temporary Online PD Monitoring					V		
Permanent Online PD Monitoring						٧	

*Requires CPTD12/15 + CP CR 600

**Requires Stator Core Measurement Upgrade





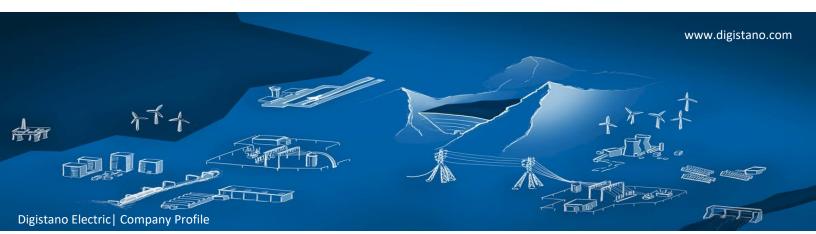


3.2 Transformer Testing

	CPC 100	TESTRANO	FRANEO	DIRANA	MPD 800	MONTESTO	ΡΤΜ
Ratio	V	V					٧
Winding Resistance	V	V					٧
Excitation Current	V	V					٧
Dynamic Resistance Measurement	٧*	V					٧
Short-Circuit Impedance	V	V					٧
Vector Group	٧*	V					٧
Demagnetizing	٧*	V					٧
Sweep Frequency Response Analysis			٧				٧
Humidity and Moisture Measurement				V			٧
Capacitance & Tangent Delta	v**	v**		v ***			٧
PD Measurement					٧	v	
Online PD Temporary Monitoring						V	

*Requires CP SB1 **Requires CP TD12/15 ***Test Voltage of 120V

 MPD 800
 PTM
 ONCON®
 ONCON®</t





3.3 Switchgear Testing

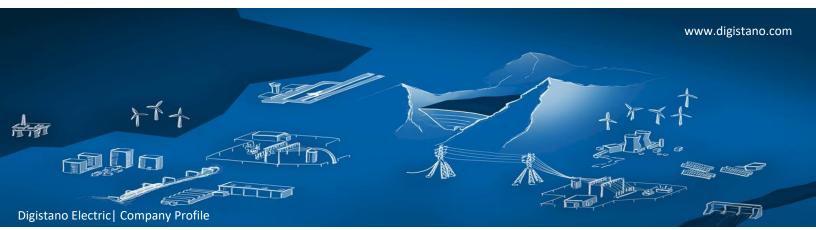
	CPC 100	CIBANO	COMPANO	CTANALYZER	VOTANO	MPD 800	MONTESTO	ΡΤΜ
CB Timing	٧*	٧						٧
CB Contact Resistance	V	٧	V					٧
Dynamic Resistance Measurement		٧						٧
CB Travel & Motion Analysis		٧						٧
CT Testing	٧		٧**	V				٧
VT Testing	٧		v **		٧			٧
PD Measurement						٧	V	
Online PD Temporary Monitoring							٧	

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*MV CB – No both sides grounded

**Ratio Test







3.4 Instrument Transformer Testing

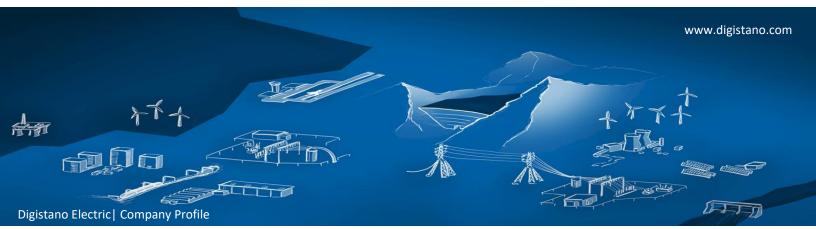
	CPC 100	CTANALYZER	VOTANO	COMPANO	DIRANA	MPD 800	MONTESTO	PTM*
CT Ratio Test & Polarity	V	V		V				٧
CT Winding Resistance	V	V						٧
CT Excitation Curve	V	V						٧
CT Accuracy Class	V	V						٧
CT Burden Measurement	V	V		V				V
VT Ratio & Polarity	V	V	٧	V				V
VT Winding Resistance	V		٧					٧
VT Excitation Curve			٧				V	
VT Accuracy Class			٧				V	
VT Burden Measurement	V		٧	٧				٧
CT/VT Paper Insulation					٧			
CT/VT Capacitance &	v**				v***			v
Tangent Delta	V							v
PD Measurement						V	V	
Temporary PD Monitoring							V	

*For CPC 100

**CP TD12/15 required

***Test Voltage of 120V









3.5 Cables Testing

	CPC 100	MPD 800	MONTESTO 200	DIRANA	MONCABLO	РТМ
Impedance Measurement	٧*					V
Capacitance and Tangent Delta	√ **			V***		٧
Dielectric Response Analysis				٧		٧
PD Measurement		V	V			
PD Temporary Monitoring			V			
Permanent Online PD Monitoring					V	

*with CP CU1 **with CP TD12/15 *** with 120V Test Voltage



Digistano Electric | Company Profile





3.6 Relays, Meters, Power Quality and Secondary Injection

	CMC 356	CMC 256+	CMC 430	CMC 353	CMC 310	CMC 850***
Protection Relays Testing	٧	v	√ **	√ **	v **	V
PTL Testing	٧	v	٧	٧		V
Manual Control	V	V		V	٧	٧
Energy Meter Testing	V	V	٧	٧	٧	
Transducer Testing	٧*	V	٧	٧*		
Power Quality Testing	٧	V	٧	٧		V
Analogue Measurement	√ *	V	٧	٧*		
GOOSE Testing	V	V	٧	V	٧	V
Sampled Values Testing	٧	v	٧	٧	٧	V
Network Simulation	V	٧	٧	٧		٧

*ELT-option Required

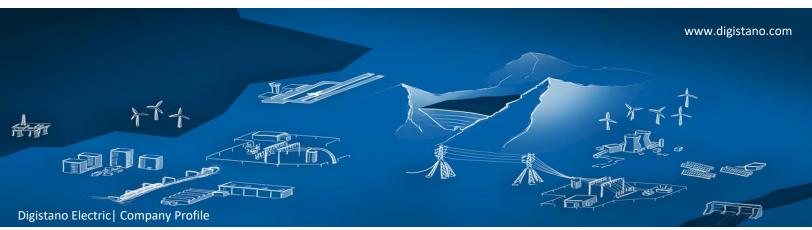
**Except Differential

***Only Sample Values (IEC61850-9-2)





CMC 850





3.7 IEC61850 Testing and Cyber Security

	CMC Device	DANEO 400	IEDSCOUT	STATIONSCOUT	ISIO 200	STATIONGUARD
GOOSE Testing	V	٧	٧	V	٧	
Sampled Values Testing	V	v				
Client/ Server	٧		٧	V		
Communications						
Binary I/O Extension					٧	
Cyber Security						V







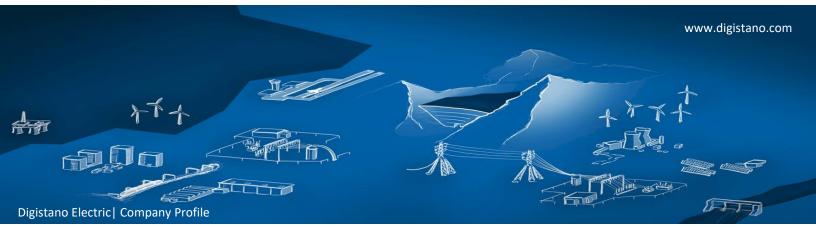
4. Training

DigiStano Team of engineers are experienced with substation testing and can share their knowledge with electrical testing teams. The list of courses that we offer currently:

- Protection Systems Testing
- IEC 61850 Testing
- Instrument Transformer Testing (CT/VT)
- Power and Distribution Transformers Testing
- Circuit Breaker Testing (MV/HV)
- Transmission Lines Testing
- HV/MV Cables Testing
- Partial Discharge Measurement

We do offer attendance certification for only attending the training session, in addition we do offer a training Completion Certification which is given based on examination results, this is offered on demand basis.

DigiStano	DigiStano	
Attendance Certificate Over Current Protection Testing with CMC 356	Completion Certific Over Current Protection Test	
Presented to:	Presented to:	PASS
Date: 16 th – 18 th June 2020 Location: Dubai – United Arab Emirates	Date: 16 th – 18 th June 2020 Location: Dubai – United Arab Emirates <u>U</u> Mohammad Al-Fayoumi Managing Director, DigiStano Electric	



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5. Repair and Calibration

We are currently developing a state-of-the-art products service center in UAE to serve the customers with fast track local support for repair and calibration of their test equipments. This service center will provide warranty related services and support which reduces the out of site time for the test equipments

6. Services

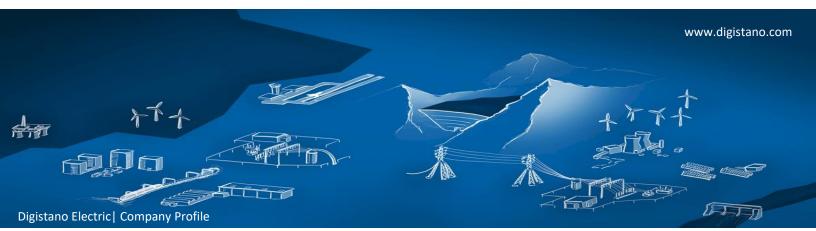
Our team of engineers are available to provide onsite testing as per the requirements of the customers, we focus on specialized areas such as:

- Partial Discharge Measurement services
- IEC 61850 testing services
- Specialized Protection Testing services and building automatic testing templates

7. Rental

Full range of equipments with valid calibration certificates are available at very competitive rates for our customers, please contact us for:

- Protection relays test sets
- Transformer Test sets
- Circuit Breaker Test sets
- HV/MV cables Test sets
- Substation Grounding and Step & Touch Voltage Test sets
- Instrument Transformers (CT/VT) Test sets
- Partial Discharge Measurement and Temporary PD Monitoring System





8. Contact details

8.1 Dubai

DIGISTANO ELECTRIC TRADING FZCO

Office 715, 7th floor, SIT Tower

PO Box 341321

Dubai Silicon Oasis

Dubai, United Arab Emirates

Email: sales@digistano.com

Tel: +97143373764

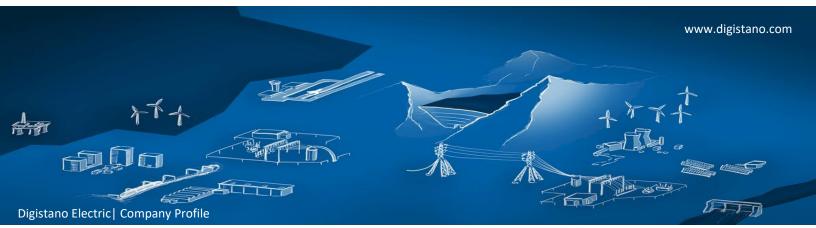
Fax: +971 4 3374196

8.2 Abu Dhabi

DIGISTANO ENERGY TRADING AND SERVICES LLC

Musaffah – Abu Dhabi

Email: sales@digistano.com







9. Representation Certificate

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	To whom it may concern				
				9 March 2020	
	CERTIFICATE OF REF	RESENTATION			
	Whereas OMICRON electro products primarily used by electrical systems having its	electric utilities and			
		Oberes I			
		A-6833 Aust			
		do herby co	nfirm that		
		DigiStano Electric	Trading FZCO		
	(including its Abu Dha	bi branch 'DigiStan	b Energy Trading and Se	rvices L.L.C.")	
		having its hea	ad office at		1.00
		SIT To	IMB F		
		7th floor, of	fice 715		
		Dubai Silice Dub			
		UAI			
	is our exclusive Distributor support) according to the D Agreement is valid for an un sidering a notice period of th	istribution Agreeme limited period of tim	nt dated February 26, 20	19. The Distribution	
	This Certificate is valid until	March 31, 2022.			
	With best regards,				
	OMICRON electronics Gmb	H .			
	nos Maldi				
	Labore Labore Literation CIMICOC	N electronics GmbH ied 1 - A-6833 Klaus 59495, Fax DW 9999			
Ve like to hear			And exchange knowledge.		
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+43 59495 +43 59495 99	VAT ID ATU	36297501	in amicron-electronics		

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